

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Matt King

GENERAL INFORMATION:

Name: Kentucky Utilities Company, Haefling Generating Station
Address: Mengel Road, Lexington, Kentucky 40507
Date application received: May 20, 2002
SIC/Source description: 4911
I.D. #: 21-067-00067
Application log number: 54660
Permit number: V-02-034

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

☐ Source is out of compliance ☐ Compliance schedule included
☒ Compliance certification signed

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

☐ Acid rain source
☐ Source subject to 112(r)
☐ Source applied for federally enforceable emissions cap
☐ Source provided terms for alternative operating scenarios
☐ Source subject to a MACT standard
☐ Source requested case-by-case 112(g) or (j) determination
☐ Application proposes new control technology
☒ Certified by responsible official
☒ Diagrams or drawings included
☐ Confidential business information (CBI) submitted in application
☐ Pollution Prevention Measures
☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)
PM	26.4	26.4
SO ₂	11.3	11.3
NO _x	1278	1278
CO	327	327
VOC	8.4	8.4
LEAD	NA	NA
HAP \geq 10 tpy (by CAS)	<10.0	<10.0

SOURCE PROCESS DESCRIPTION:

Kentucky Utilities wishes to renew the Title V permit for the Haepling Peaking Power Station. This facility contains three natural gas turbines that operate as “peaking” power generators.